

UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): VOORWINDEN, COR  
SERIAL NO.: 10/595228  
FILE DATE: 07/13/2006  
GROUP ART UNIT: 2838  
TITLE: POWER SUPPLY APPARATUS

Certificate of Submission

I hereby certify that this correspondence is being submitted to the USPTO, Alexandria, VA.

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3-27-08

Date of Submission

/Stacie Herrera/

Signature

Stacie Herrera

Printed Name of Person Signing Certificate

**CORRECTION OF FILING RECEIPT**

Office of Initial Patent Examination  
Commissioner for Patents  
Alexandria, VA 22313

Sir:

It is respectfully pointed out that the Filing Receipt for the above-identified patent application is incorrect. Under the "Foreign Applications" section, the European Patent number is listed as "03292309.4".

Please correct the application number as follows "03292409.4" A copy of the first page of the published PCT application in the above-identified application is attached along with a copy of the Filing Receipt with the change noted thereon.

No fee is due since the error was not that of Applicant.

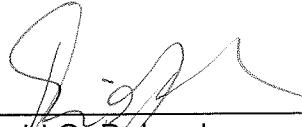
SEND CORRESPONDENCE TO:

Freescale Semiconductor, Inc.  
Law Department

Customer Number: 23125

Respectfully submitted,

By: \_\_\_\_\_

  
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APPLICATION NUMBER	FILING or 371(c) DATE	GRP ART UNIT	FIL FEE REC'D	ATTY.DOCKET.NO	TOT CLAIMS	IND CLAIMS
10/595,228	07/13/2006	2838	1030	SC12923ET	20	2

CONFIRMATION NO. 5132

23125  
FREESCALE SEMICONDUCTOR, INC.  
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12/7/07  
RH

FILING RECEIPT



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Date Mailed: 12/03/2007

Receipt is acknowledged of this non-provisional patent application. The application will be taken up for examination in due course. Applicant will be notified as to the results of the examination. Any correspondence concerning the application must include the following identification information: the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections

**Applicant(s)**

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**Power of Attorney:** The patent practitioners associated with Customer Number 23125

**Domestic Priority data as claimed by applicant**

This application is a 371 of PCT/EP04/10875 09/29/2004

**Foreign Applications**

EUROPEAN PATENT OFFICE (EPO) 03292309.4-09/30/2003

03292409.4

**If Required, Foreign Filing License Granted:** 12/09/2006

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 10/595,228**

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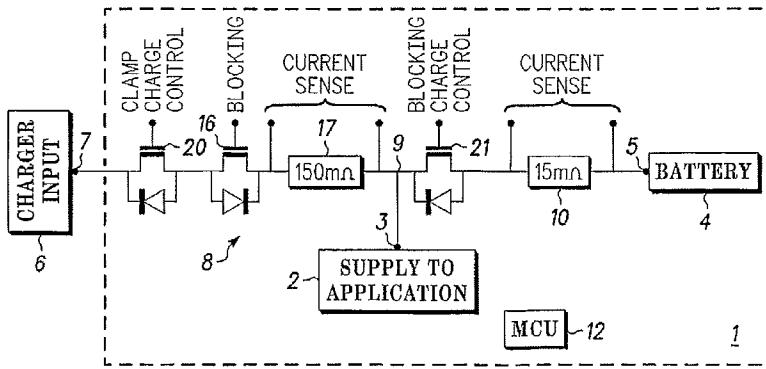
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Published:

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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: POWER SUPPLY APPARATUS



(57) Abstract: Power supply apparatus, especially for the active circuits of a portable radio communication device. The power supply supplies a direct voltage to a load (2) that is connected to a first terminal (3), es comprising a rechargeable battery (4) for connection to a second terminal (5), and a voltage generator (6) for recharging the battery (4) and supplying power to the load (2). The power supply includes first control means (20, 16) for controlledly supplying current from the voltage generator (6) to the first terminal (3) so as to control supply of current from the voltage generator (6) to the first terminal (3) so as to control supply of current from the voltage generator (6) to the load (2) and for preventing reverse flow of current from the first terminal (3) to the voltage generator (6), and second control means (21) for controlledly supplying current between the first (3) and second (5) terminals so as to control supply of current from the voltage generator (6) through the first control means (20, 16) to the battery (4) and from the battery to the load (2). The control means (20, 16; 21) present selectively a high impedance state (23), a low impedance state (26) or a controlled impedance state (29, 32). The first control means (20, 16) comprises a first (21) field-effect transistor connected in series between the voltage generator (6) and the first terminal (3) for controlling supply of current from the voltage generator (6) to the first terminal (3) and the first terminal (3) for preventing reverse flow of current from the first terminal (3) to the voltage generator (6).

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